THE MINES OF ARIZONA

This department is under the di rection of Mr. W. E. Defty, the well known mining engineer, who will carefully scrutinize all matters relating to mining in order that only reliable information regarding legitimate enterprises shall find a place here.

The Republican would be pleased to receive information from any part of the state regarding the development of the mining in-All communications should be addressed: Mining Department, Arizona Republican.

Captain Hoatson and Captain John between the C. & A. and the Magma and given by the superintendent of This latter company it appears has reincorporated on a far stronger baof the C. & A. camp to the Magma will come under one control and it

The Old Silver King It is reported that this old property

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McCAUSLAND **Business Exchange**

8 West Adams St. PHOENIX, ARIZONA has been bonded by a Mr. Priest representing some large eastern interests. The amount is said to be \$197,-600, \$40,000 payable to the original stockholders, \$75,000 to John McCabe and \$75,000 to the present claimants. E. G. Dean and Wm. Curry. The conditions are that work has to be started in 30 days

The Montana Arizona Mining Co. This company controlling the Ariona King group in the Box Canyon, clumms tast week had closed down emporarily. However from inquiry C. Greenway of the C. & A. accom- creased force has been taken on a panied by two other gentlemen from the mine and development work will ake Superior, have been visiting this be continued as energetically as posdistrict and went over all the ground; sible. This information is authentic

The Red Rover

Last week there appeared in the sis than ever and it is the general Los Angeles Examiner an account by belief that all the ground from south the Phoenix special correspondent of the sale of the above property to the frict if it did as it is a large and luppers in the state. But I am aupromising area and it requires to big thorized to say that no such negotia company to carry on the necessary tions have been made or are pending

> tiations under way for the taking ther interests and if successful we will be authorized to announce the

Cannibals Eat Mineralogist

BRISBANE, Australia, Sept. 6. ed and eaten by cannibals in an unexplored region of Papua. He was heading an expedition in the search

To Unwater the Old Comstock The mine that poured untold milons into San Francisco. Plans are eing materialized by Virginia City nstalling hydraulic pumps.

The Virginia Consolidated Mining Company at Virginia City is devising plans for unwaterng the mines of the Comstock on their lower levels and restoring to active production great underground areas which in the past gave up some of the fortunes old San Francisco.

A force is on the ground preparing about \$70,000 a hydraulic pump

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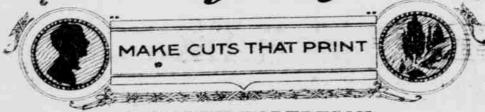
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water. Two large electric pumps tor. "Well, says Mike, "I'd rather will lower the water level from the been blown to atoms and 'ad yer of-2500 level, its lowest point for over fered me a glass of whiskey. nearly thirty years to 2800 feet where the hydraulic pump will be installed. It will save \$8000 per month and is

the water to the old level of 3200 latter comes from Utah. feet unless the intense heat in the mines prevents. In the olden days an mmense Cornish steam pump with in Oregon pine pump rod eighteen nches square and ninety feet long near the above place.

It would indeed be glad news to all the mining world to again see August totalled 3,097,500 pounds. distory maker and not only produced rom hand to hand in the gambling and no doubt this will be may be cooler by being submerged! so many years. However if not, man will make it so.

Shattuck Arizona

The output of Shattuck Company partially to the inability is it takes several weeks for a plant

averaged 15 per cent. On the 400 otherwise might be remunerative. of the country and helped to build foot level a body of 6 to 7 per cent | The great bulk of the present dowe is being developed.

cas not deemed advisable to open

Arizona Copper Company As was anticipated at the blowing

Prematurely

Mike had been blown some distance a premature blast and although not much injured it rendered him loctor was bending over him offering a glass of water. "What's that,"



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Hayden

John D. MacDonald has retired from expected to keep the mines unwatered the superintendency of the milling plant at Hayden and D. D. Moffat It is eventually intended to lower succeeds him as superintendent. The

V. E. Messinger is shipping a good quality of lead ore from his claims

Miami Copper Company output for

The following is from the Mining and Scientific Press of August 30 and

Recovery of Quicksilver From Ores

ssayed 44 per cent copper. Further salivation, and when in operation at On the 400-foot level which quickly to sacrifice a property that

mestic output is from shaft furnaces The work of unwatering the shaft in which, as is well known the do-Work is being of brick, in which the metal is col-

> cen estimated that a Scott furnace an be built under favorable local enditions at about \$1000 per ton of capacity. According to this the common 10-ton furnace should cost about

> > Cuprite

Continuation of extracts from Bulle tin by Dr. William Harney Emmons. Cuprite is a common mineral of ner sulphides and is probably secon cording to Lindgren it occurs nor sition of chalcocite. Similar relations

The crystalline form of the black exide of copper is much less abundant than cuprite. The earthy, soot 'alumet & Arizona mine. Quite quantity of melaconite was found in the great Scott claims on Slim Jim east of Wickenburg. Copper Pitch Ore

This is a secondary material of complex character and somewhat unertain composition. A sample from the Detroit mine in the Morenci disrict analyzed by Hildebrand, showed oxides of copper, zinc and manganese, with considerable water and si Material that is probably of a similar nature is found at Bisbee and

LOS ANGELES Jobbers and Manufacturers Who Solicit Arizona Trade

The following leading commercial houses of Los Angeles appreciate the substantial development of Phœnix, and desire to have their announcements before the growing population of the State of Arizona

(Copper pitch is also present in the opper Butte property four miles tom Cochrane.-Ed.) :

Covellite

ut is not abundant in many of the zinc sulphide. Weed estimates that evellite has formed 0.5 per cent of ion it is secondary and forms in part as an alteration product of chal-Morenci. It is found coating pyrite n scricitized perphyry at Morenci Arizona. It is found only sparingly n Arizona.

Some Bullion

A single shipment of silver bullion London recently made by the Niissing mine at Cobalt amounted to

The London Arizona

ember 8, Mr. C. E. Finney has sent

aendon Arizona Copper Company: London Range Copper Company: London Shamrock Copper Company Ball Copper Company

The consolidated property ne new smelting plant of the Ameri- Hammond in South America and in

miles. The Gila and the San Pedro

fining Company. consolidated property are of the sel rect smelting requiring no concentra-The ore bodies occur in the orm of large beds being replacements ar to the properties of Bisbee, Clifon-Morenci and Cananea, also as disseminations in the associated por

opper from 2 per cent to 18 per ent besides gold and silver values o far shipped have shown an average of 25 per cent lead. The London-Arizona Consolidated is in a strong

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\$500,000 cash has been provided by crating the Standard Mine of Br. velopment. Extensive operations will Los Angeles, California-Mr. Swens begin the first of October and sev- was identified with the Silver Lead

and refining enterprises in the north-Washington - Mr. Williamson was identified with the Le Roi, Center the Santa Rosa silver mines of Mexi

some of the largest mining, smelting

gon-Mr. Burrell is a capitalist with large interests in the state of Ore

associated with the old firm of Fine Standard and Mammoth lead mine Cover d'Alene which were absorb ed by the Federal Mining and Smel

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